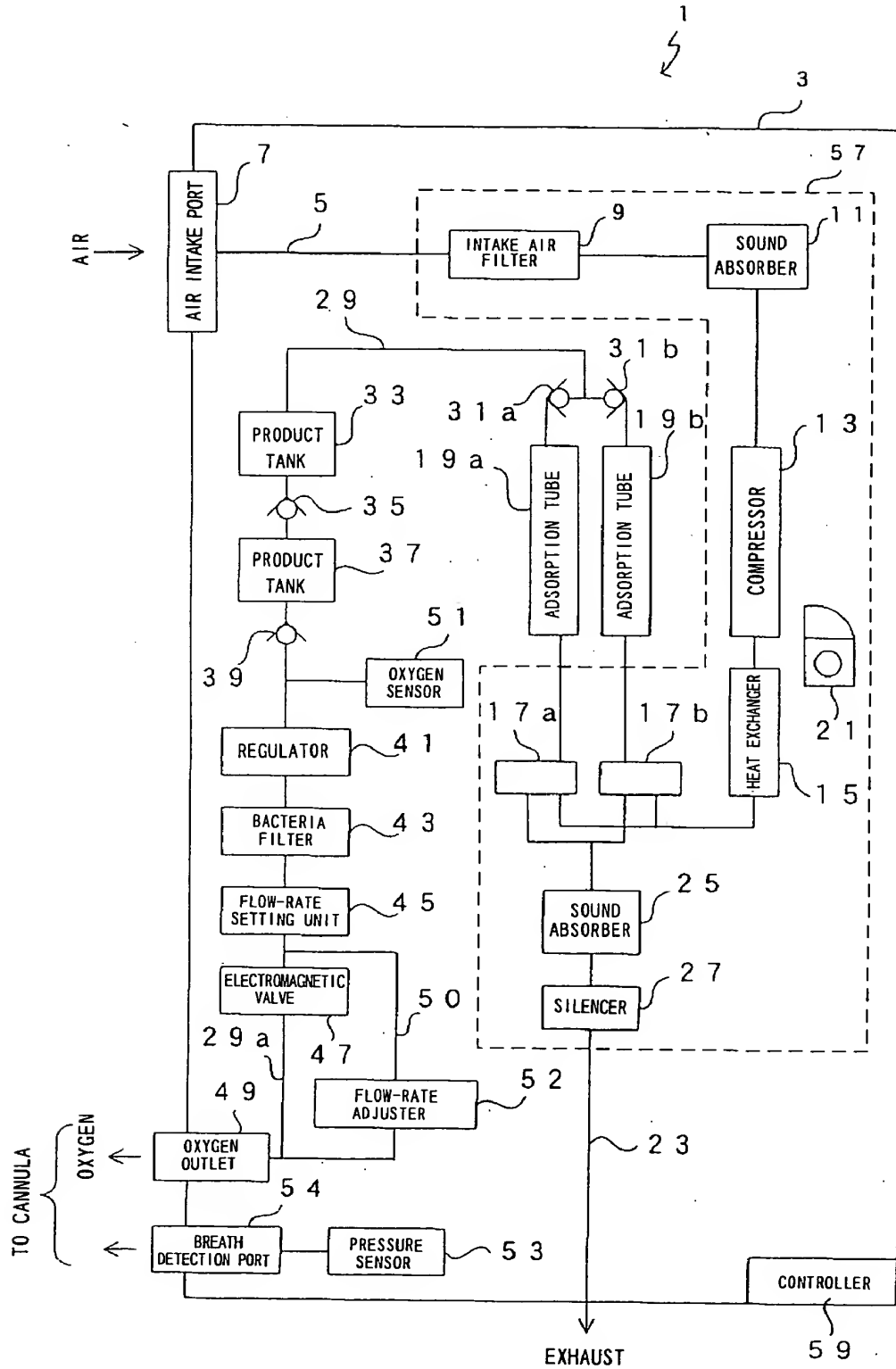


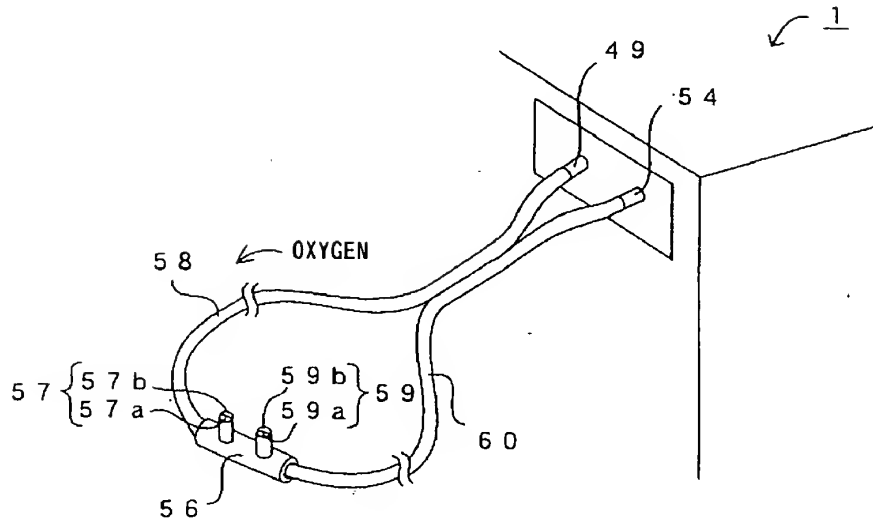
[DOCUMENT NAME]

[FIG. 1]

FIG. 1



[FIG. 2]



[FIG. 3]

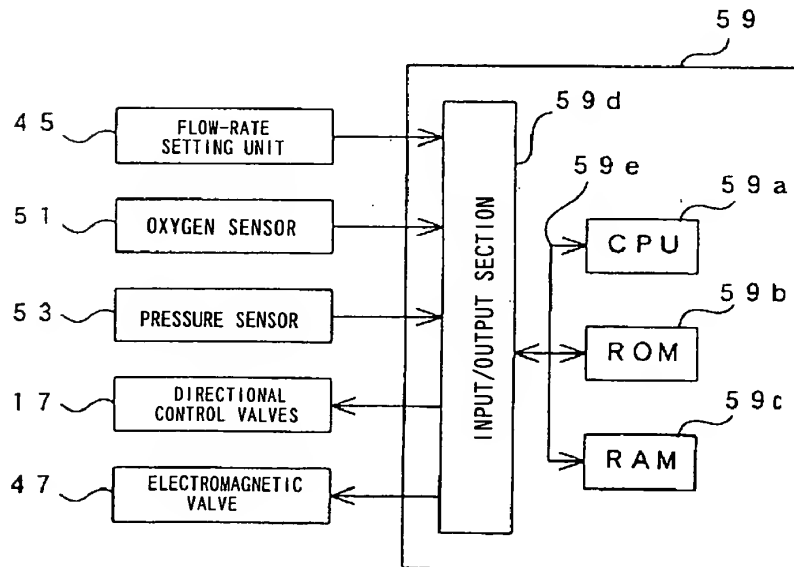
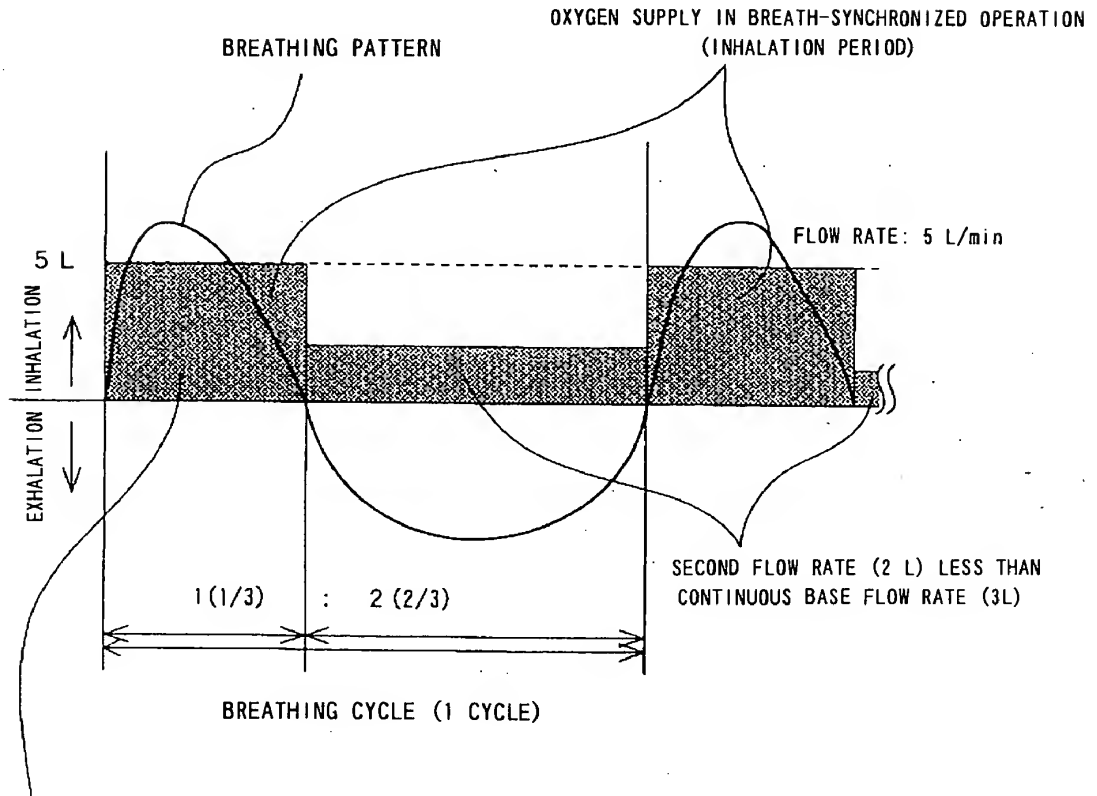


FIG. 200 52695660

[FIG. 4]

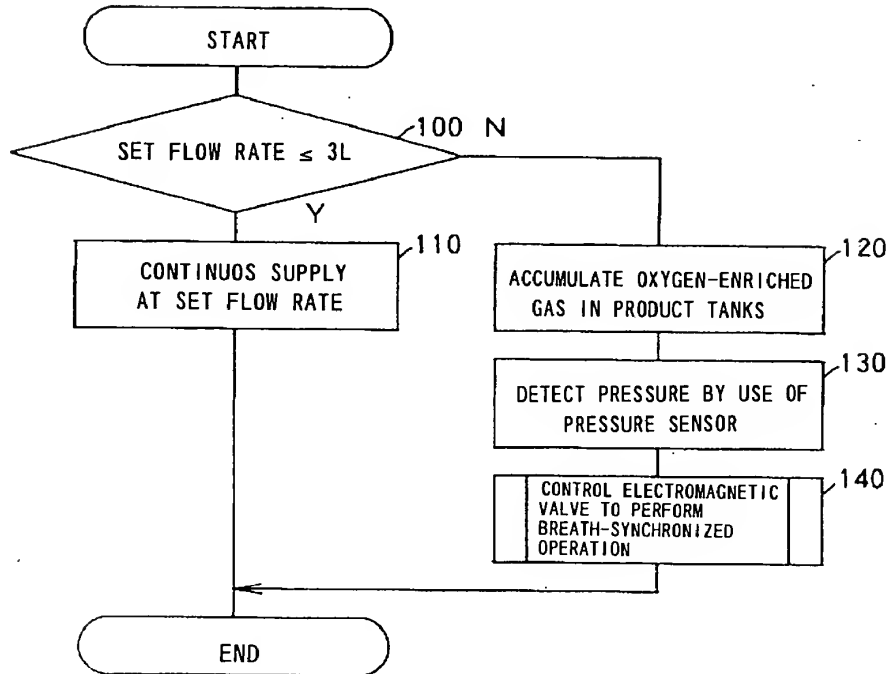
BREATHING CYCLE PATTERN MODEL



FLOW OF OXYGEN WHEN BREATH SYNCHRONIZATION IS EFFECTED
 (SET FLOW RATE: 5 L)

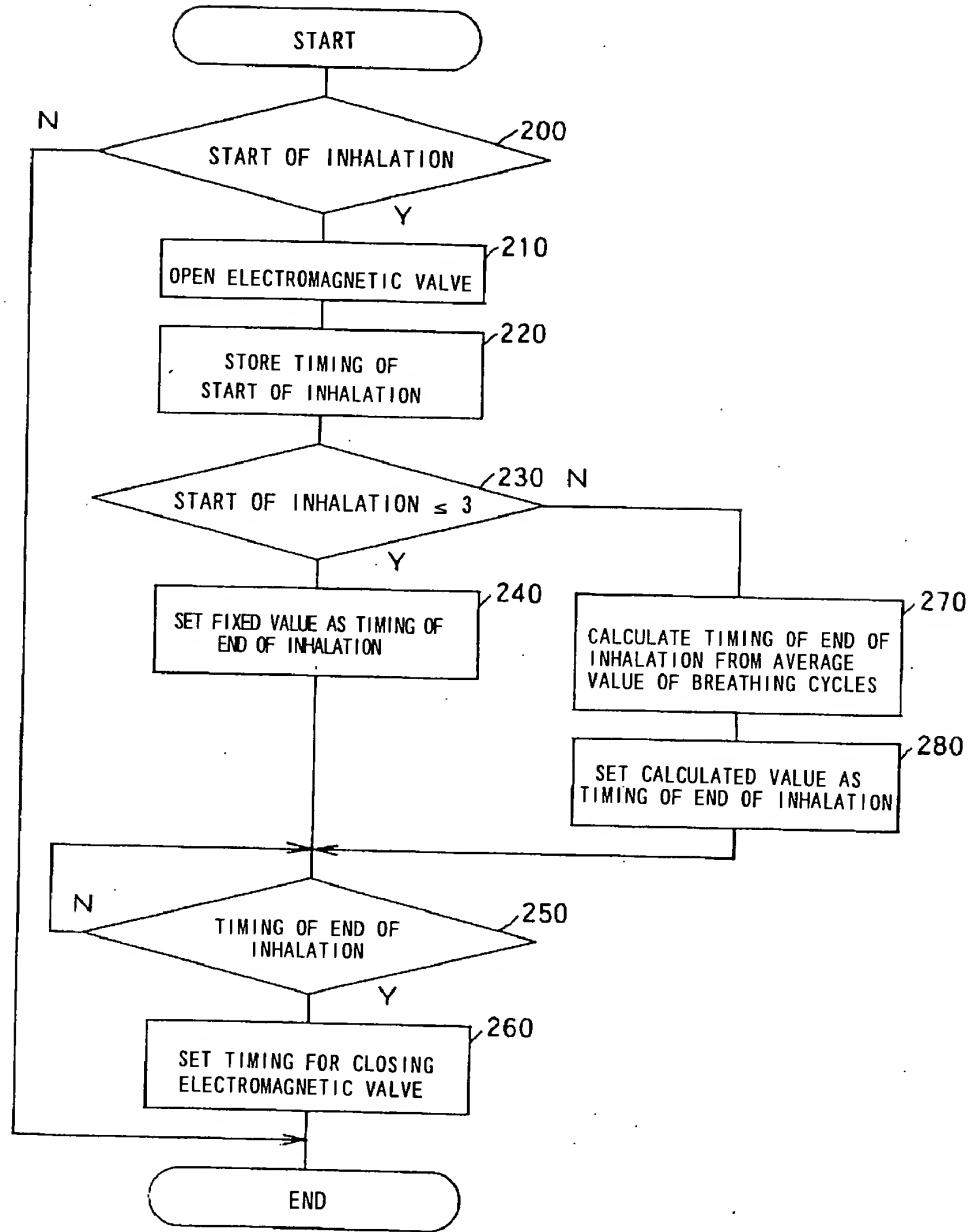
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 401260.52695660

[FIG. 5]



0095925-092101
FIG. 5

[FIG. 6]



0055925-00101
FIG. 6

The diagram illustrates a medical device system 3, which is divided into two main functional areas. The upper area is an oxygen supply system, and the lower area is a patient interface system.

Oxygen Supply System (Upper Section):

- Air Intake:** Air enters through an "AIR INTAKE PORT" and passes through an "INTAKE AIR FILTER" and a "SOUND ABSORBER" (indicated by a dashed line).
- Product Tanks:** The air then flows through two "PRODUCT TANK"s, each equipped with a check valve.
- Regulation and Filtration:** The air passes through a "REGULATOR" and a "BACTERIA FILTER". An "OXYGEN SENSOR" is connected to the line between the two product tanks.
- Adsorption Tubes:** The air then flows through two "ADSORPTION TUBE"s (labeled 19a and 19b), which are also enclosed in a dashed line.
- Exhaust Path:** After the adsorption tubes, the air passes through a "SOUND ABSORBER" and a "SILENCER" before being exhausted.
- Compressor and Heat Exchanger:** A "COMPRESSOR" and a "HEAT EXCHANGER" are also part of the system, connected to the main air line.

Patient Interface System (Lower Section):

- Oxygen Inlet:** Oxygen enters through an "OXYGEN INLET" (labeled 73).
- Flow Control:** The oxygen then passes through a "FLOW-RATE SETTING UNIT" (61) and a "FLOW-RATE ADJUSTER" (63).
- Valve and Outlet:** The oxygen then flows through an "ELECTROMAGNETIC VALVE" (65) to an "OXYGEN OUTLET" (77).
- Controller and Sensors:** A "CONTROLLER" (67) is connected to the flow-rate setting unit and a "PRESSURE SENSOR" (67).
- Breath Detection:** A "BREATH DETECTION PORT" (57) is connected to the pressure sensor and the oxygen outlet line.

The system is designed to deliver oxygen to a patient through a cannula, as indicated by the label "TO CANNULA" at the bottom right.